



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al

Original U.S. Patent No. 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626

Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

RECEIVED

MAY 30 2003

DECLARATION OF DORA STROUD

Technology Center 2100

I, Dora Stroud, am over the age of twenty one years, and if called to testify would be fully competent to testify on the following matters based upon personal knowledge:

1. My current address is 4220 S. Capitol Street, S.E., Apartment 103, Washington, D.C. 20032.
2. I was an employee of the United States Patent and Trademark Office from 1970 until my retirement in 2000, my last position being Supervisor, Customer Service, Intake of Patent Applications.
3. I am familiar with the patent application attached as Serial Number 08/429,583 (hereinafter the "583 application"), recognizing my signature contained therein, and recall numerous conversations with James A. Satchell, Jr. the applicant of the aforementioned '583 application.
4. I recall that Mr. Satchell was applying for his patent application pro se and it was part of my duties at the time to assist pro se applicants in filing their patent applications.

5. Mr. Satchell's deposit of his patent application with the United States Patent and Trademark Office on April 27, 1995, was not given a filing date because the application did not include at least one claim as noted in the Notice of Incomplete Application mailed to Mr. Satchell on May 24, 1995.
6. It was shortly after that mailing on May 24, 1995, that I had discussions with Mr. Satchell in my capacity of assisting pro se applicants.
7. I specifically recall discussions with Mr. Satchell concerning his invention for providing patrons or customers of vending machines with internet/worldwide web access, by including in said vending machine a public access to the internet/worldwide web with a vending machine door which included a video screen and selector mechanism to access websites and other internet/worldwide web information.
8. I specifically recall the details of my conversations because I made notes of them in my efforts to assist the pro se applicant, Mr. Satchell.
9. The notes I made I left with the United States Patent and Trademark Office upon my retirement.
10. I have reviewed the amended specification date stamped December 26, 1995, in the aforementioned '583 application and state that prior to the filing of that substitute specification, Mr. Satchell conveyed that information to me concerning his use of vending machines to access the internet/worldwide web.

Further, declarant sayeth not.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

04/24/03
Date

Bora Stroud
Bora Stroud

Residence: Washington, D.C.

Citizenship: United States

Post Office Address: 4220 S. Capitol Street, S.E., Apartment 103, Washington, D.C. 20032

08429583

PATENT APPLICATION

APPROVED FOR LICENSE

MAY 08 1995



08429583

Date Entered or Counted

ABANDONED CONTENTS

Date Received or Mailed

1. Application *Drawings* papers.

2. *FE (No claims)*

3. *Claim & Declaration* 08-17-95

4. *Reg 377*

MAR 19 1996

5. *Ext. of Time (2mo)*

June 13 1996 granted

6. *Ext. of Time (1mo)*

Sept. 18 1996 granted

7. *LETTER OF ABANDONMENT*

OCT 23 1996

8. *Request for Access*

Jul 30 1997

9. *Request for Access*

10-15-97

10. *Request for Access*

3-20-00

11. *Request for Access*

6-28-00

12. *Request for Access*

7-15-00

13. *Request for Access*

8-21-02

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SEARCHED			
Class	Sub.	Date	Exmr.
221	2 3 9 199	3/4/76	SKaggs

SEARCH NOTES		
APS search 5 dispens? and video and speaker and antenna and camera and laser and VCR	Date	Exmr.
	3/4/76	SKaggs

INTERFERENCE SEARCHED			
Class	Sub.	Date	Exmr.

POSITION	ID NO.	DATE
CLASSIFIER	18	5/8/95
EXAMINER	351	6-23-95
TYPIST	555	8/23
VERIFIER		
CORPS CORR.		
SPEC. HAND	51	08-18-95
FILE MAINT.	442	5/24/95
DRAFTING		

INDEX OF CLAIMS

Claim	Date
Final Original	
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SYMBOLS

✓ Rejected

- Allowed

..... (Through numerals) Canceled

..... Restricted

N Non-elected

I Interference

A Appeal

O Objection

Claim	Date
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PATENT APPLICATION SERIAL NO. 8489583

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

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2

365-2
08/4796

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR

PAGE #3

SPECIFICATIONS:

- 1) MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
- 2) VIDEO SCREEN: The screen has three service functions
 - #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96' Summer Olympic Games to it's own machines.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, and sound effects for celebration lights.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested--design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
- A) The Musical Selection Function; (Laser-Disc-Player).
This function commands the Laser-Disc Player.
(These laser-disc are produced by the soda-company. They are distributed along with replaceable updated front selection cover on the regular distribution system.)
A customer can select a certain Recording Artist for a 30 second musical video preview
Also a number of soda company commercials can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
The News Section of this Panel operates at the press of it's key pad. The control memory gives a command to the Satellite receiver. A Customer then can observe 30 seconds of a Satellite (Live) News Broadcast.
 - C) The U-SING-ALONG Section Function; (VCR Recorder)
The U-SING-ALONG operates on a keypad based multi-panel, with a record/playback system.
The machine's camera/microphone system records the Customer singing a selected song off the Laser-disc Panel, (Performer sings video first then, the machine playsback the same music with a Q-beep for the Customer to sing.) The VCR designed with a digital-tape-stripping device, (VCR that digitally codes tape, for precise reference.) along with the machine's housed camera/microphone records the Customer trying

version of the video. This Live, one shot 30 second street audition can be played back once, then stored to be reviewed by officials for a series of soda T.V. commercials.

- 8) CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.
- 9) CAMERA SYSTEMS: The camera systems serves two purposes:
- #1) The primary function of the camera is to record the performances of the Customers. To capture to expressions of the Winning Customer for T.V. commercial use. Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony, RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

DESIGNED: 4/20/95

DESIGNER: X James A. Satchell Jr.

Laser-Disc Music Video Door (Drink Machine Door)
Claims

Page #6

What I claim as my invention is: Something that will enter the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda.

I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette gift-dispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I James A. Satchell Jr., claim this combination Entertainment package design as a replacement door for existing soda machines. On this day 6/1/95.

DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)

As a below named inventor, I hereby declare that: I AM THE SOLE DESIGNER OF THIS LASER-DISC MUSIC VIDEO (DRINK MACHINE DOOR)
My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LASER-DISC MUSIC VIDEO (DRINK MACHINE DOOR), the specification of which

is attached hereto unless the following box is checked: (ATTACHED SPECIFICATIONS)

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)

Priority Claimed

☐ Yes ☒ No☐ Yes ☒ No☐ Yes ☒ No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Address all telephone calls to _____ at telephone number _____

Address all correspondence to _____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) JAMES A. SATCHELL JR. (1)
Inventor's signature James A. Satchell Jr. Date 4/24/95
Residence TUSKEGEE (AL) MACON CO. Citizenship U.S.A.
Post Office Address ROUTE 3 BOX 900A TUSKEGEE AL 36083
1490 COUNTY RD. 36

Full name of second joint inventor, if any (given name, family name)

Second inventor's signature _____ Date _____

Residence _____ Citizenship _____

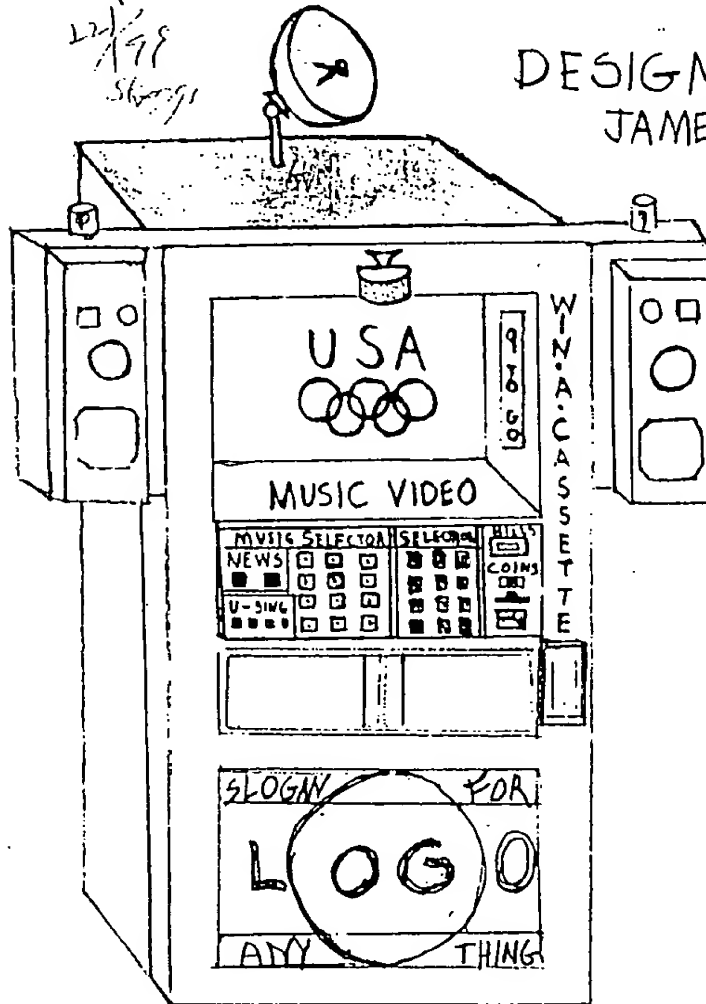
Post Office Address _____

☐ Additional inventors are being named on separately numbered sheets attached hereto.

LASER-DISC / MUSIC VIDEO DIGITAL
(DRINK MACHINE DOOR)

12/1/98
Sherry

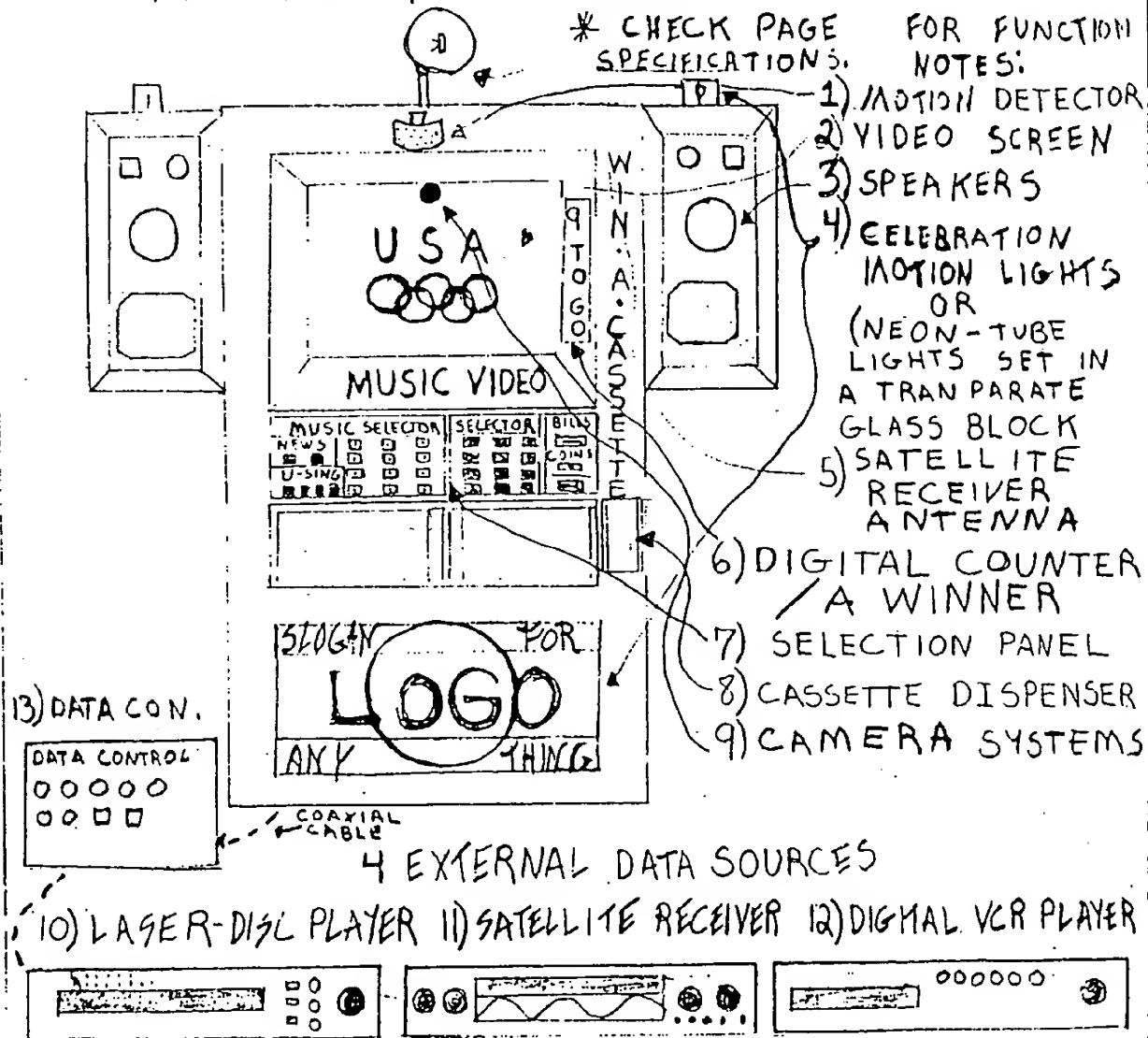
DESIGNER:
JAMES A. SATCHELL JR.



ISOMETRIC DRAWING

FRONT ELEVATION

FUNCTIONS & LOCATIONS

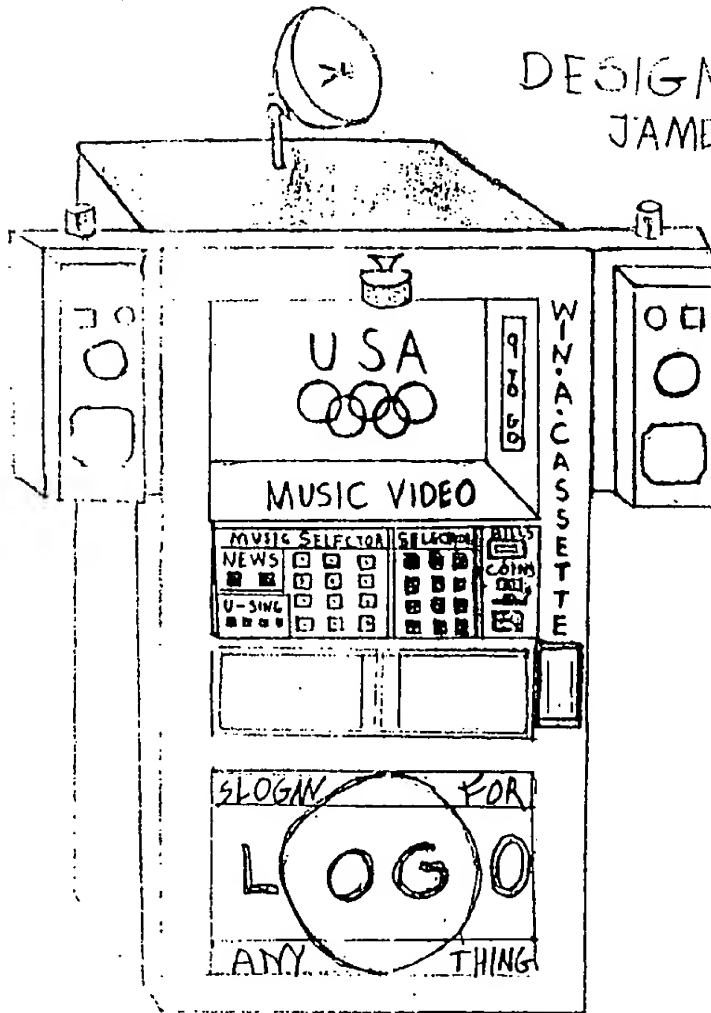


NOTE: THESE 4 EXTERNAL DATA SOURCES ARE LINKED TO THE SODA DRINK MACHINE DOOR WITH A CABLE. THESE DATA SOURCE ARE KEPT INSIDE A BUILDING.

VIDEO MUSIC VIDEO DIGITAL
(ENTER MACHINE DOOR)

DESIGNERS:

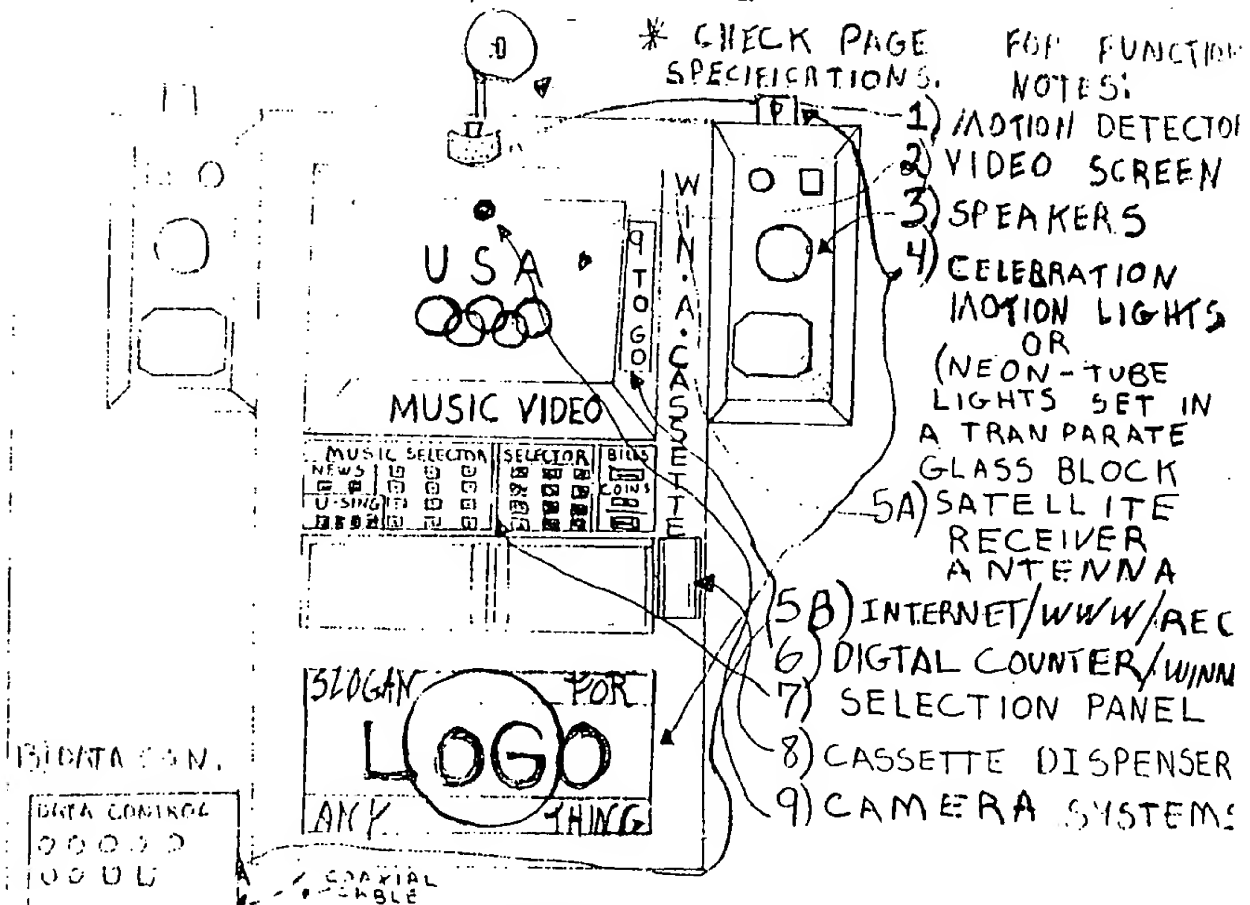
JAMES A. GILBERTSON



ISOMETRIC DRAWING

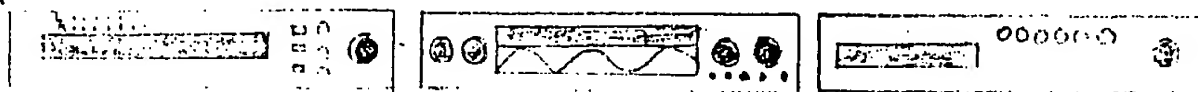
FRONT ELEMENT

FUNCTIONS & LOCATIONS



4 EXTERNAL DATA SOURCES

- 10) LASER-DISC PLAYER 11) SATELLITE RECEIVER 12) DIGITAL VCR PLAYER



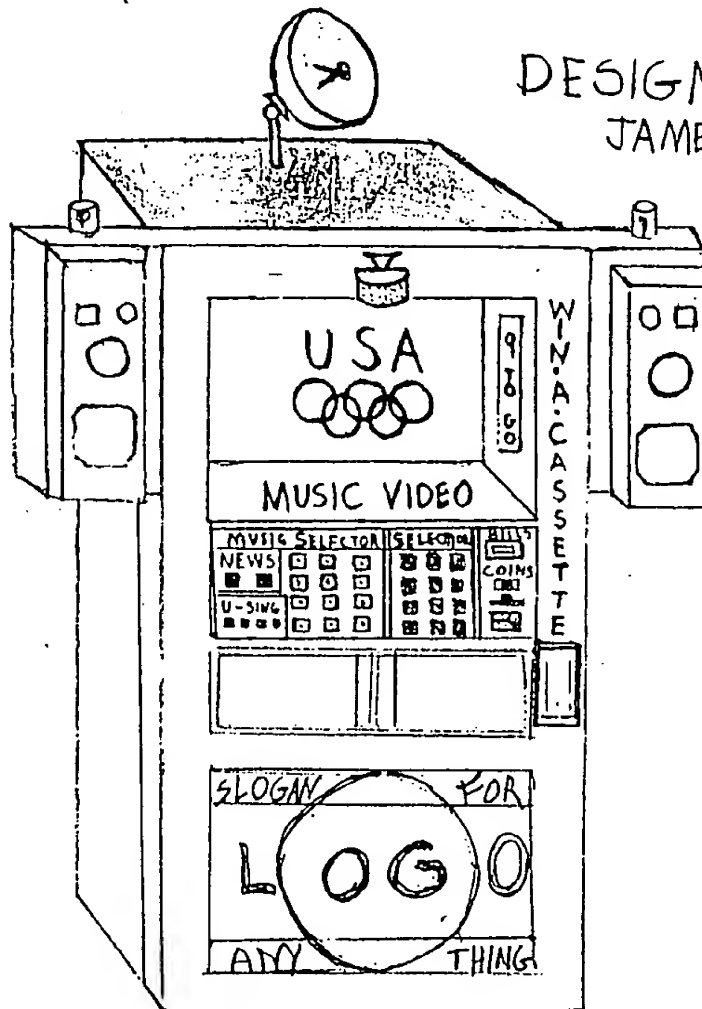
THESE 4 EXTERNAL DATA SOURCES ARE LINKED TO THE SODA DRINK MACHINE DOOR WITH A CABLE. THESE DATA SOURCE ARE KEPT INSIDE A BUILDING.

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LASER-DISC / MUSIC VIDEO DIGITAL
(DRINK MACHINE DOOR)

PAGE 1

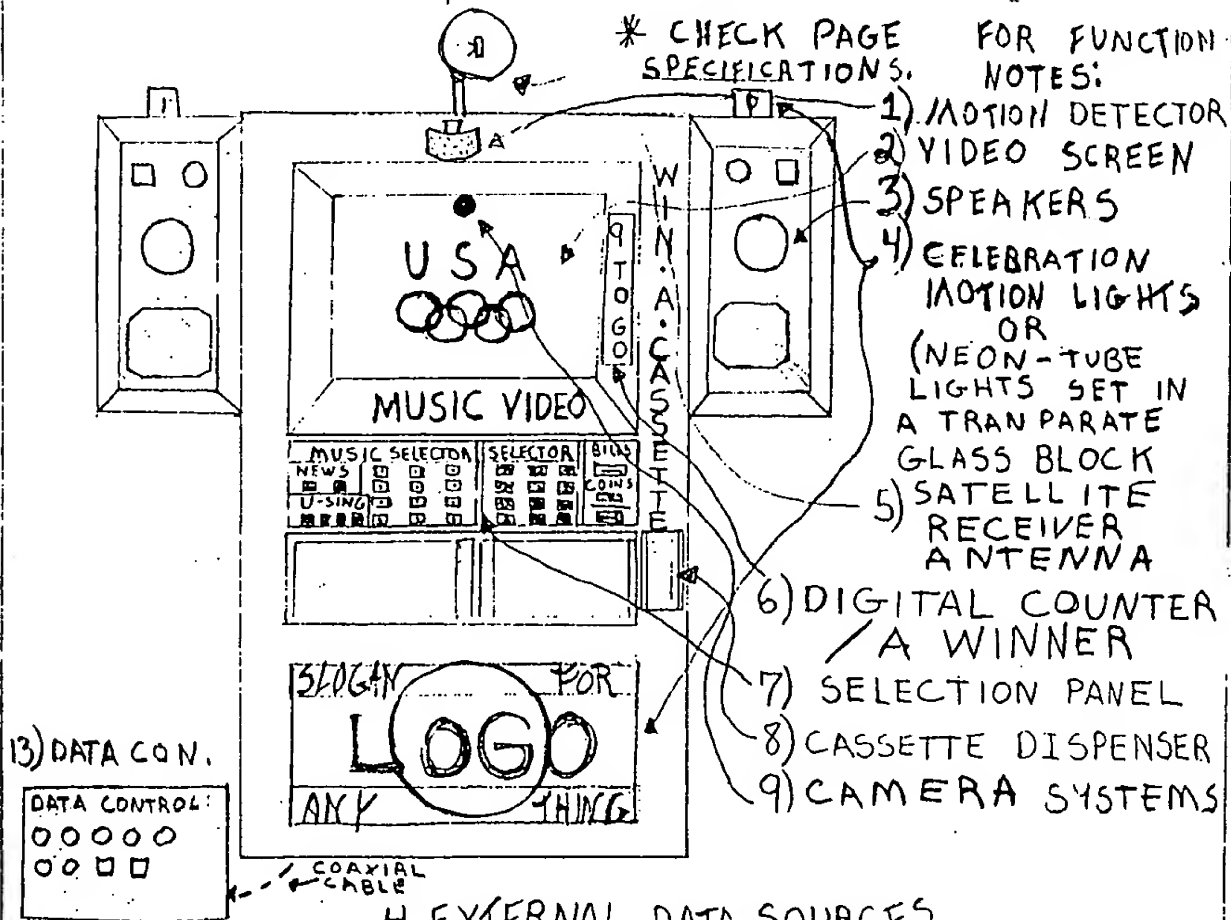
DESIGNER:
JAMES A. SATCHELL JR.



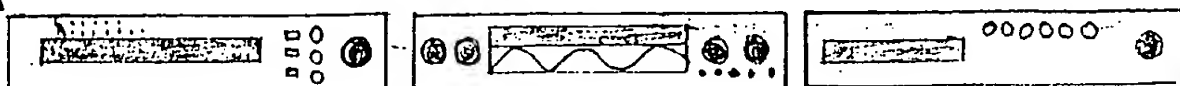
ISOMETRIC DRAWING

FRONT ELEVATION

FUNCTIONS & LOCATIONS



10) LASER-DISC PLAYER 11) SATELLITE RECEIVER 12) DIGITAL VCR PLAYER



NOTE: THESE 4 EXTERNAL DATA SOURCES ARE LINKED TO THE SODA DRINK MACHINE DOOR WITH A CABLE. THESE DATA SOURCE ARE KEPT INSIDE A BUILDING.

PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number	
Effective October 1, 1994					08/429583	
CLAIMS AS FILED - PART I						
(Column 1)		(Column 2)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE	
BASIC FEE					365.00	OR 730.00
TOTAL CLAIMS	/ minus 20 =			x31=		OR x22=
INDEPENDENT CLAIMS	/ minus 3 =			x38=		OR x76=
MULTIPLE DEPENDENT CLAIM PRESENT				x120=		OR +240=
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL	365	OR TOTAL
CLAIMS AS AMENDED - PART II						
(Column 1)		(Column 2)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE
	Total	Minus		x31=		OR x22=
	Independent	Minus		x38=		OR x76=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			x120=		OR +240=
				TOTAL		OR TOTAL
(Column 1)		(Column 2)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE
	Total	Minus		x31=		OR x22=
	Independent	Minus		x38=		OR x76=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			x120=		OR +240=
				TOTAL		OR TOTAL
(Column 1)		(Column 2)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE
	Total	Minus		x31=		OR x22=
	Independent	Minus		x38=		OR x76=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			x120=		OR +240=
				TOTAL		OR TOTAL
(Column 1)		(Column 2)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter 3.

The Highest Number Previously Paid For (Total or Independent) is the highest number found in the appropriate box in column 1.

PACE DATA ENTRY CODING SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

1ST EXAMINER

DATE 5-28-95

2ND EXAMINEE

DATE 08/8/95

REF ID: A66000

**TYPE
APOL**

FILING DATE		
MONTH	DAY	YEAR
12	15	2010

**SPECIAL
HANDLING**

**GROUP
ART UNIT**

CLASS

SHEET'S OF
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NR 629583



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TOTAL CLAIMS

INDEPENDENT CLAIMS

SMALL ENTITY?

FILING FEE

**FOREIGN
LICENSE**

ATTORNEY DOCKET NUMBER

CONTINUITY DATA

CONT	STATUS
CODE	CODE
00	00
01	01
02	02
03	03
04	04
05	05
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PARENT APPLICATION
SERIAL NUMBER

PCT APPLICATION SERIAL NUMBER

PARENT PATENT
NUMBER

PARENT FILING		
DATE		
MONTH	DAY	Y


FOR THE
RECORD
CLAIMED

COUNTRY
CODE

PCT/FOREIGN APPLICATION SERIAL NUMBER

FOREIGN FILING DATE	MONTH	DAY	YEAR

36-021

BAR CODE LABEL 		U.S. PATENT APPLICATION			
SERIAL NUMBER 08/429,583		FILING DATE 08/17/95	CLASS 221	GROUP ART UNIT 3101	
APPLICANT	JAMES A. SATCHELL JR., TUSKEGEE, AL.				
	CONTINUING DATA*** VERIFIED _____				
	FOREIGN/PCT APPLICATIONS*** VERIFIED _____				
***** SMALL ENTITY *****					
STATE OR COUNTRY AL	SHEETS DRAWING 2	TOTAL CLAIMS 1	INDEPENDENT CLAIMS 1	FILING FEE RECEIVED \$365.00	ATTORNEY DOCKET NO.
ADDRESS	JAMES A SATCHELL JR 1490 COUNTY ROAD 36 TUSKEGEE AL 36083				
TITLE	LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR				
This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above. By authority of the COMMISSIONER OF PATENTS AND TRADEMARKS					
Date		Certifying Officer			



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	RECEIPT DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
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08/429,583 04/27/95 SATCHELL, J

0222/0524

JAMES A SATCHELL JR
1490 COUNTY ROAD 36
TUSKALOOSA AL 36083

0000

DATE MAILED: 05/01/95

NOTICE TO FILE MISSING PARTS OF APPLICATION
NO FILING DATE

(Enclosure to Form PTO-1123)

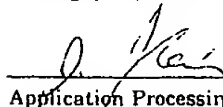
Required items 1-9 below SHOULD be filed, with any items required on the "Notice of Incomplete Application" enclosed with this form. The filing date of this application will be the date of receipt of the items required on the "Notice of Incomplete Application." If items 1 and 3-6 below are submitted after the filing date, THE PAYMENT OF A SURCHARGE OF \$ 130 large entities or \$ 65 for small entities who have filed a verified statement 37 CFR 1.27 claiming such status will also be required. (37 CFR 1.16(e)).

The total amount owed by applicant as a ☐ large entity ☒ small entity (verified statement filed) is \$ 0.

1. ☐ The statutory basic filing fee is: ☐ missing, ☐ insufficient. Applicant as a ☐ large entity ☐ small entity must submit \$ _____ to complete the basic filing fee.
2. ☐ Additional claim fees of \$ _____ as a ☐ large entity, ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
3. ☒ The oath or declaration:
☐ is missing.
☒ does not cover items required on "Notice of Incomplete Application."
An oath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
4. ☐ The oath or declaration does not identify the application to which it applies. An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Receipt Date, is required.
5. ☐ The signature(s) to the oath or declaration is/are: ☐ missing; ☐ by a person other than the inventor or a person qualified under 37 CFR 1.42, 1.43, or 1.47. A properly signed oath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
6. ☐ The signature of the following joint inventor(s) is missing from the oath or declaration: _____. An oath or declaration signed by the omitted inventor(s), identifying this application by the above Application Number and Receipt Date, is required.
7. ☐ A \$ _____ processing fee is required since your check was returned without payment. (37 CFR 1.21(m)).
8. ☐ The application does not comply with the Sequence Rules. See attached Notice To Comply with Sequence Rules 37 CFR 1.821-1.825.
9. ☐ Other:

Direct the response and any questions about this notice to, Attention: Application Processing Division, Special Processing and Correspondence Branch.

A copy of this notice MUST be returned with the response.


Application Processing Division
(703) 308-1202



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	RECEIPT DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
02/27/95	04/27/95	SATCHELL, J	

JAMES A SATCHELL JR
1450 COUNTY ROAD 36
TUCKER, AL 36083

0222/0524

0000

DATE MAILED:

05/24/95

NOTICE OF INCOMPLETE APPLICATION

A filing date has NOT been assigned to the above identified application papers for the reason(s) shown below.

☒ The specification (description and claims):

- a. ☐ is missing
- b. ☐ has pages _____ missing
- c. ☐ does not include a written description of the invention.
- d. ☒ does not include at least one claim in compliance with 35 U.S.C. 112.

A complete specification in compliance with 35 U.S.C. 112 is required.

- 2. ☐ A drawing of Figure(s) _____ described in the specification is required in compliance with 35 U.S.C. 111.
- 3. ☐ A drawing of applicant's invention is required since it is necessary for the understanding of the subject matter of the invention in compliance with 35 U.S.C. 113.
- 4. ☐ The inventor's name(s) is missing. The full names of all inventors are required in compliance with 37 CFR 1.41.
- 5. ☐ Other:

All of the above-noted items, unless otherwise indicated, must be submitted within **TWO MONTHS** of the date of this notice or the application will be returned or otherwise disposed of. Any fee which has been submitted will be refunded less a \$_____ handling fee. See 37 CFR 1.53(c).

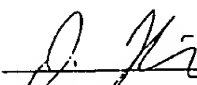
The filing date will be the date of receipt of all items required above, unless otherwise indicated. Any assertions that the items required above were submitted, or are not necessary for a filing date, must be by a petition directed to the attention of the Office of the Assistant Commissioner for Patents accompanied by the \$_____ petition fee (37 CFR 1.17(h)). If the petition states that the application is complete, a request for refund of the petition fee may be included in the petition.

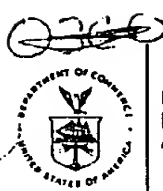
Direct the response and any questions about this notice to, Attention:
Application Processing Division, Special Processing and Correspondence Branch.

A copy of this notice MUST be returned with the response.

Enclosed:

- ☐ "General Information Concerning Patents." See page _____
- ☐ Copy of a patent to assist applicant in making corrections.
- ☒ "Notice to File Missing Parts of Application," Form PTO-1532.
- ☒ Other: *Q. Guide to Filing a Patent Application*


Application Processing Division
(703) 308-1202



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	RECEIPT DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
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NOTICE TO FILE MISSING PARTS OF APPLICATION
NO FILING DATE
(Enclosure to Form PTO-1123)


Required items 1-9 below **SHOULD** be filed, with any items required on the "Notice of Incomplete Application" enclosed with this form. The filing date of this application will be the date of receipt of the items required on the "Notice of Incomplete Application." If items 1 and 3-6 below are submitted after the filing date, THE PAYMENT OF A SURCHARGE OF \$ 1,200 large entities or \$ 600 for small entities who have filed a verified statement 37 CFR 1.27 claiming such status will also be required. (37 CFR 1.16(e)).

The total amount owed by applicant as a ☐ large entity ☒ small entity (verified statement filed) is \$ 0.

1. ☐ The statutory basic filing fee is: ☐ missing ☐ insufficient. Applicant as a ☐ large entity ☐ small entity must submit \$ _____ to complete the basic filing fee.
2. ☐ Additional claim fees of \$ _____ as a ☐ large entity, ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
3. ☒ The oath or declaration:
☐ is missing.
☒ does not cover items required on "Notice of Incomplete Application."
An oath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
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6. ☐ The signature of the following joint inventor(s) is missing from the oath or declaration: _____ An oath or declaration signed by the omitted inventor(s), identifying this application by the above Application Number and Receipt Date, is required.
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8. ☐ The application does not comply with the Sequence Rules. See attached Notice To Comply with Sequence Rules 37 CFR 1.821-1.825.
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Application Processing Division
(703) 308-1202



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	RECEIPT DATE	FIRST NAMED APPLICANT	ATTY OR OFFICIAL
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DATE RECEIVED	DATE MAILED
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NOTICE OF INCOMPLETE APPLICATION

A filing date has NOT been assigned to the above identified application papers for the reason(s) shown below.

- ☒ The specification (description and claims):
- a. ☐ is missing
 - b. ☐ has pages _____ missing
 - c. ☐ does not include a written description of the invention.
 - d. ☒ does not include at least one claim in compliance with 35 U.S.C. 112.

A complete specification in compliance with 35 U.S.C. 112 is required.

2. ☐ A drawing of Figure(s) _____ described in the specification is required in compliance with 35 U.S.C. 111.

3. ☐ A drawing of applicant's invention is required since it is necessary for the understanding of the subject matter of the invention in compliance with 35 U.S.C. 113.

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5. ☐ Other:

All of the above-noted items, unless otherwise indicated, must be submitted within **TWO MONTHS** of the date of this notice or the application will be returned or otherwise disposed of. Any fee which has been submitted will be refunded less a \$_____ handling fee. See 37 CFR 1.53(c).

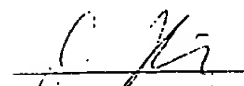
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Enclosed:

- ☐ "General Information Concerning Patents." See page _____
- ☐ Copy of a patent to assist applicant in making corrections.
- ☒ "Notice to File Missing Parts of Application," Form PTO-1532.
- ☒ Other: *Guide to Filing a Patent Application*


Application Processing Division
(703) 308-1202

DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)

As a below named inventor, I hereby declare that I AM THE SOLE DESIGNER OF THIS LASER-DISC MUSIC VIDEO (DRINK MACHINE DOOR) residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LASER-DISC MUSIC VIDEO (DRINK MACHINE DOOR), the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)

Priority Claimed

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Address all telephone calls to _____ at telephone number _____
Address all correspondence to _____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) JAMES A. SATCHELL JR
Inventor's signature James A. Satchell Jr. Date 6/1/95
Residence 1490 COUNTY ROAD 36 TUSK. AL. 36083 Citizenship U.S.A.
Post Office Address 201 MAIN ST. TUSKEGEE AL. 36083

Full name of second joint inventor, if any (given name, family name) _____
Second inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

☐ Additional inventors are being named on separately numbered sheets attached hereto.



#3
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	RECEIPT DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
08/429,583	04/27/95	SATCHELL, J	

JAMES A SATCHELL JR
1490 COUNTY ROAD 36
TUSKEGEE AL 36083

0222/0524

0000

DATE MAILED:

05/24/95

NOTICE OF INCOMPLETE APPLICATION

A filing date has NOT been assigned to the above identified application papers for the reason(s) shown below.

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- b. ☐ has pages _____ missing
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- d. ☒ does not include at least one claim in compliance with 35 U.S.C. 112.

A complete specification in compliance with 35 U.S.C. 112 is required.

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- 5. ☐ Other:

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Enclosed:

☐ "General Information Concerning Patents." See page _____

☐ Copy of a patent to assist applicant in making corrections.

☒ "Notice to File Missing Parts of Application," Form PTO-1532.

☒ Other: *A Guide to Filing a Patent Application*

J. Ki
Application Processing Division
(703) 308-1202

FAX 703-308-2840

CONTACT PERSON: MRS. STROUD

FORM PTO-1532 (REV. 11-94)

ATTORNEYS/APPLICANTS COPY

#3

Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette gift-dispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I James G. Datchell Jr., claim this combination Entertainment package design as a replacement door for existing soda machines. On this day 05/26/95.

1st COPY MAILED 05/26/95

2nd COPY

SENT BY FAX 8/17/95

↑ CUT OFF
IF
NEEDED

NOTE: I MAILED THIS CLAIM ON

05/26/95 BACK TO THE U.S.D. OF C,
PATENT & TRADEMARK. YOU SAY IT'S NOT THERE.
PLEASE PLACE THIS ONE PROPERLY.

DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LASER - DISC MUSIC VIDEO (DRINK MACHINE DOOR), the specification of which

is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)

Priority Claimed

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☒ No

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(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

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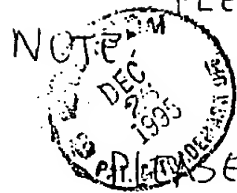
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) JAMES A. SATCHEL JR.
 Inventor's signature James A. Satchel Jr. Date 05/16/95
 Residence TUSKEGEE AL. MACON CO. Citizenship U.S.A.
 Post Office Address ROUTE 3 BOX 908A TUSKEGEE AL. 36083
1490 COUNTY RD. 36

Full name of second joint inventor, if any (given name, family name) _____
 Second inventor's signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____

☐ Additional inventors are being named on separately numbered sheets attached hereto.

PLEASE USE THIS REVISED COPY.
FOR MY EXAMINATION.



PLEASE PUT THESE MODIFICATIONS,
AMENDMENTS, AND SUPPLEMENTS
CONTAINING ADDITIONAL SUBJECT
MATTER, WITH THE REST
OF MY APPLICATION.

56 JAN 17 11 06 52
GROUPT JCT

JAMES A. SATCHEL JR
1490 COUNTY RD 36.
TUSKEGEE AL. 36083

APPLICATION NUMBER 08/429, 58
FILING DATE 08/17/95

TITLE:

LASER-DISC MUSIC VIDEO DIGITI
(DRINK MACHINE DOOR)

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR
APPLICATION #08/429,583 FILING DATE 08/17/95 PAGE #3
SPECIFICATIONS:

- 1) MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
- 2) VIDEO SCREEN: The screen has three service functions
 - #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96' Summer Olympic Games to its own machines. Screen receives all signals from Web-Sites transmissions over the internet/W.W.Web.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, stereo sound from internet/W.W.Web Transmissions, and sound effects for the celebration.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested--design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) A) SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- B) INTERNET/WORLD WIDE WEB RECEPTACLE: Connection point.
- 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
- A) The Musical Selection Function; (Laser-Disc-Player)
- This function commands the Laser-Disc Player. (These laser-disc are produced by the soda-company. They are distributed along with replaceable updated front selection cover on the regular distribution system.) A customer can select a certain Recording Artist for a 30 second musical video preview. Also a number of soda company commercials can be previewed at a preset time.
- B) The News Section Function; (Satellite Receiver)
- The News Section of this Panel operates at the press of it's key pad. The control memory gives a command to the Satellite receiver. A Customer then can observe 30 seconds of a Satellite (Live) News Broadcast. (Internet/World Wide Web) News; key pad, calls
- C) The U-SING-ALONG Section Function; (VCR Recorder)
- The U-SING-ALONG operates on a keypad based multi-panel, with a record/playback system. The machine's camera/microphone system records the Customer singing a selected song off the Laser-disc Panel, (Performer sings video first then, the machine playback the same music with a Q-beep for the Customer to sing.) The VCR designed with a digital-tape-stripping device, (VCR that digitally codes tape, for precise reference.) along with the machine's housed camera/microphone records the Customer trying to sing the Artist video, creating a Customer's

APPLICATION #08/429/583 FILING DATE 08/17/95

version of the video. This Live, one shot 30 second street audition can be played back once, then stored to be reviewed by officials for a series of soda T.V. commercials.

- 8) CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.
- 9) CAMERA SYSTEMS: The camera systems serves two purposes:
- #1) The primary function of the camera is to record the performances of the Customers. To capture to expressions of the Winning Customer for T.V. commercial use. Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony, RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

- 14) DCU & The Internet/World Wide Web: The Data Control Unit has compatible systems built within the unit to operate regular computer functions that will allow adaptability to computer commands from Web Sites which allow other progresses to be transmitted to the machine's doors.

Large chain stores can set-up Web Sites which transmits various types of advertising to it's stores; Example: You pull open the door at a Walmart, K-mart, etc., there you see these new type vending-machine along with the rest of Video games, you are stopped by a vending machine that has audio/video on the door of the machine. The audio/video, welcome's you to the Store along with Total show-off of it's sale items, as well as store inventory Set-ups. Smaller Business can set-up Web-Sites too, but Individualized Disc can be cheaper. This information can come from the Web-Site of the Company, or a Laser Disc.

Live News Reports can be viewed just about anywhere one of these machines can be set-up. On the street, Bus, Train Stations, Airports, Offices, Hospitals, etc.

Putting, The World Wide Web/Internet systems to work in public places, Delivering most advantages of the PC, on a "LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR".

- 15) INDIVIDUALIZED BUSINESS ADVERTISING DISC: These personalized disc allows for businesses to showcase their business activities along with the product Manufacturer on the vending machine door. This may encourage businesses to put a machine on location, for self-on-location audio/video advertising.

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda.

I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door,

Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette gift-dispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/World Wide Wed reception to Door.

I James A. Datchell, claim this combination Entertainment package design as a replacement door for existing soda machines. On this day 05/26/95.

I James A. Datchell, after receiving, Foreign Filing License Granted 11/01/95, under 37 CFR 5.15(a) subsequently (make modifications, amendments, and supplements containing additional subject matter to, or divisions of,...). I claim this combination Entertainment/Advertisement package design as a replacement Door, for some, and a Primary Door for others, for these general public, entertaining, informational, Futuristic "On-Line" Billboard Vending Machine Doors. On this Day 11/8/95.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
---------------	-------------	----------------------	---------------------

08/429,583 08/17/95 SATCHELL

F1M1/0319

JAMES A SATCHELL JR
1490 COUNTY ROAD 36
TUSKEGEE AL 36083

J

EXAMINER

SRAGGS JR. H

ART UNIT

PAPER NUMBER

3101

DATE MAILED:

03/19/96

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined ☐ Responsive to communication filed on _____ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- ☒ Notice of References Cited by Examiner, PTO-892.
- ☒ Notice of Draftsman's Patent Drawing Review, PTO-948.
- ☐ Notice of Art Cited by Applicant, PTO-1449.
- ☐ Notice of Informal Patent Application, PTO-152.
- ☐ Information on How to Effect Drawing Changes, PTO-1474.
- ☐ _____

Part II SUMMARY OF ACTION

- ☒ Claims 1 are pending in the application.
Of the above, claims _____ are withdrawn from consideration.
- ☐ Claims _____ have been cancelled.
- ☐ Claims _____ are allowed.
- ☒ Claims 1 are rejected.
- ☐ Claims _____ are objected to.
- ☐ Claims _____ are subject to restriction or election requirement.
- ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
- ☐ Format drawings are required in response to this Office action.
- ☐ The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).
- ☐ The proposed additional or substitute sheet(s) of drawings, filed on _____, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).
- ☐ The proposed drawing correction, filed _____, has been ☐ approved; ☐ disapproved (see explanation).
- ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. _____; filed on _____.
- ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
- ☐ Other

EXAMINER'S ACTION

Serial Number: 08/429583

-2-

Art Unit: 3101

Part III DETAILED ACTION

Specification

1. This application does not contain an Abstract of the Disclosure as required by 37 C.F.R. § 1.72(b). An Abstract on a separate sheet is required.
2. Applicant is reminded of the proper language and format of an Abstract of the Disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said", should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

3. This application is informal in the arrangement of the specification.

The following guidelines illustrate the preferred layout and content for patent applications. These guidelines are suggested for the applicant's use.

4. Applicant is advised as to how to arrange the content of the specification.

- (a) **Title of the Invention.** The title of the invention should be placed at the top of the first page of the specification.

Serial Number: 08/429583

-3-

Art Unit: 3101

It should be brief but technically accurate and descriptive, preferably from two to seven words.

- (b) **Cross-References to Related Applications:** if applicable.
- (c) **Statement as to Rights to inventions made under Federally sponsored research and development:** (if any).
- (d) **Background of the Invention:** The specification should set forth the Background of the Invention in two parts:
 - (1) **Field of the Invention:** A statement of the field of art to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions or the subject matter of the claimed invention. This item may also be titled "Technical Field."
 - (2) **Description of the Prior Art:** A description of the prior art known to the applicant and including, if applicable, references to specific prior art problems which are solved by the applicant's invention. This item may also be titled "Background Art."
- (e) **Summary:** A brief summary or general statement of the invention is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases, it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.
- (f) **Brief Description of the Drawing(s):** A reference to and brief description of the drawing(s) as set forth in 37 C.F.R. § 1.74.
- (g) **Description of the Preferred Embodiment(s):** A description of the preferred embodiment(s) of the invention as required in 37 C.F.R. § 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. This item may also be titled "Best Mode for Carrying Out the Invention." Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent or readily

Serial Number: 08/429583

-4-

Art Unit: 3101

available publication which adequately describes the subject matter.

- (h) **Claim(s):** (See 37 C.F.R. § 1.75) A claim may be typed with the various elements subdivided in paragraph form. There may be plural indentations to further segregate subcombinations or related steps. The claim(s) must be in one sentence form only.
- (i) **Abstract of the Disclosure.**

5. The following is a quotation of the first paragraph of 35 U.S.C. § 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification is objected to under 35 U.S.C. § 112, first paragraph, as failing to provide an adequate written description of the invention.

Applicant has failed to disclose how the various listed parts operate together to perform the desired result. For example, how does the data control unit, VCR player, satellite receiver, laser-disc player, camera system, cassette dispenser, selection panel, digital counter, satellite antenna, speakers, video screen, and motion detector interrelate or cooperate to perform the desired functions. No block diagrams or wiring of the apparatus connecting these various elements has been disclosed.

Serial Number: 08/429583

-5-

Art Unit: 3101

Claim Rejections - 35 USC § 112

6. The claim is rejected under 35 U.S.C. § 112, first paragraph, for the reasons set forth in the objection to the specification.

7. The claim is rejected as failing to define the invention in the manner required by 35 U.S.C. § 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent cited.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

9. An examination of this application reveals that applicant is unfamiliar with patent prosecuting procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent

Serial Number: 08/429583

-6-

Art Unit: 3101

upon skillful preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

10. Any inquiry concerning this communication should be directed to Ex.Skaggs at telephone number (703) 308-1113.



H. Grant Skaggs
Primary Examiner
Art Unit 311

hgs
March 14, 1996

TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON

FORM PTO-802 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 08/429583	GROUP/ART UNIT 3/01	ATTACHMENT TO PAPER NUMBER	4
NOTICE OF REFERENCES CITED				APPLICANT(S) Satchell, J.			

U.S. PATENT DOCUMENTS											
	DOCUMENT NO.						DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A	4	9	5	4	6	7	Sep. 1990	Kokubun et al	221	3	
B	5	0	7	0	5	8	Feb. 1992	Brundes et al	221	2	
C	5	4	4	1	0	4	Aug. 1995	David et al	128	600	May 25, 1993
D	5	4	4	5	2	9	Aug. 1995	Brown	221	3	
E											
F											
G											
H											
I											
J											
K											

FOREIGN PATENT DOCUMENTS													
	DOCUMENT NO.						DATE	COUNTRY	NAME	CLASS	SUB-CLASS	RELEVANT SECT. DWG.	PP. PAGE
L	0	5	6	4	7	3	Oct. 1993	EPO	Buckley et al	221	2	all	all
M	0	0	3	6	8	4	Feb. 1991	Japan	Okuda	221	2	all	all
N	8	9	0	7	8	0	Aug. 1989	WIPO	Vogel	221	3	all	all
O													
P													
Q													

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
R	
S	
T	
U	

EXAMINER H. Hsont/Keggs	DATE 3/14/92	
-----------------------------------	------------------------	--

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

429583

NOTICE OF DRAFTER PERSON'S PATENT DRAWING REVIEW

This notice is to inform you of the results of the review of whether they are designated as formal or informal. If you are not satisfied with the results, you may appeal to the Patent Trial and Appeal Board. Direct telephone inquiries concerning this notice may be made by calling 800-451-5401.

8/17/95

1. ☒ **FORMAL** (37 CFR 1.84(a))

2. ☐ **INFORMAL** (37 CFR 1.84(b))

3. ☐ **OTHER** (37 CFR 1.84(c))

4. ☐ **REVIEWED** (37 CFR 1.84(d))

5. ☐ **VIEW AND ENLARGED VIEW NOT LABELED SEPARATELY** (37 CFR 1.84(e))

6. ☐ **SECTIONAL VIEWS** (37 CFR 1.84(f))

7. ☐ **CONTOUR SECTION** (37 CFR 1.84(g))

8. ☐ **ARRANGEMENT OF VIEWS** (37 CFR 1.84(h))

9. ☐ **SCALE** (37 CFR 1.84(i))

10. ☐ **CHARACTER OF LINES, NUMBERS, & LETTERS** (37 CFR 1.84(j))

11. ☐ **SHADING** (37 CFR 1.84(m))

12. ☐ **NUMBERS, LETTERS, & REFERENCE CHARACTERS** (37 CFR 1.84(p))

13. ☐ **LEAD LINES** (37 CFR 1.84(q))

14. ☐ **NUMBERING OF SHEETS OF DRAWINGS** (37 CFR 1.84(r))

15. ☐ **NUMBER OF VIEWS** (37 CFR 1.84(u))

16. ☐ **CORRECTIONS** (37 CFR 1.84(v))

17. ☐ **DESIGN DRAWING** (37 CFR 1.152)

18. ☐ **OTHER** (37 CFR 1.84(w))

19. ☐ **COMMENTS**

20. ☐ **REMARKS**

21. ☐ **REVISIONS**

22. ☐ **OTHER**

23. ☐ **REMARKS**

24. ☐ **REVISIONS**

25. ☐ **OTHER**

26. ☐ **REMARKS**

27. ☐ **REVISIONS**

28. ☐ **OTHER**

29. ☐ **REMARKS**

30. ☐ **REVISIONS**

31. ☐ **OTHER**

32. ☐ **REMARKS**

33. ☐ **REVISIONS**

34. ☐ **OTHER**

35. ☐ **REMARKS**

36. ☐ **REVISIONS**

37. ☐ **OTHER**

38. ☐ **REMARKS**

39. ☐ **REVISIONS**

40. ☐ **OTHER**

41. ☐ **REMARKS**

42. ☐ **REVISIONS**

43. ☐ **OTHER**

44. ☐ **REMARKS**

45. ☐ **REVISIONS**

46. ☐ **OTHER**

47. ☐ **REMARKS**

48. ☐ **REVISIONS**

49. ☐ **OTHER**

50. ☐ **REMARKS**

51. ☐ **REVISIONS**

52. ☐ **OTHER**

53. ☐ **REMARKS**

54. ☐ **REVISIONS**

55. ☐ **OTHER**

56. ☐ **REMARKS**

57. ☐ **REVISIONS**

58. ☐ **OTHER**

59. ☐ **REMARKS**

60. ☐ **REVISIONS**

61. ☐ **OTHER**

62. ☐ **REMARKS**

63. ☐ **REVISIONS**

64. ☐ **OTHER**

65. ☐ **REMARKS**

66. ☐ **REVISIONS**

67. ☐ **OTHER**

68. ☐ **REMARKS**

69. ☐ **REVISIONS**

70. ☐ **OTHER**

71. ☐ **REMARKS**

72. ☐ **REVISIONS**

73. ☐ **OTHER**

74. ☐ **REMARKS**

75. ☐ **REVISIONS**

76. ☐ **OTHER**

77. ☐ **REMARKS**

78. ☐ **REVISIONS**

79. ☐ **OTHER**

80. ☐ **REMARKS**

81. ☐ **REVISIONS**

82. ☐ **OTHER**

83. ☐ **REMARKS**

84. ☐ **REVISIONS**

85. ☐ **OTHER**

86. ☐ **REMARKS**

87. ☐ **REVISIONS**

88. ☐ **OTHER**

89. ☐ **REMARKS**

90. ☐ **REVISIONS**

91. ☐ **OTHER**

92. ☐ **REMARKS**

93. ☐ **REVISIONS**

94. ☐ **OTHER**

95. ☐ **REMARKS**

96. ☐ **REVISIONS**

97. ☐ **OTHER**

98. ☐ **REMARKS**

99. ☐ **REVISIONS**

100. ☐ **OTHER**

Borderline obj.

8/26/95



\$190.00 - 216 Gp

3101
#5
Ext. of
Time
(2 mo)
6-25-96

TO: - UNITED STATES DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

FROM: JAMES A. SATCHELL JR.
1490 COUNTY ROAD 36
TUSKEGEE, AL 36083

James A. Satchell Jr.

DATE: JUNE 13, 1996

SUBJECT: EXTENSION OF PATENT APPLICATION -

"U.S. APPLICATION SERIAL No. 08/429,583 - LASER-DISC
MUSIC VIDEO DIGITAL DRINK MACHINE DOOR"

THE APPLICANT HEREWITH PETITIONS THE COMMISSIONER OF PATENT
AND TRADEMARKS TO EXTEND THE TIME FOR RESPONSE, TO THE OFFICE
ACTION, DATED MARCH 19, 1996 FOR TWO (2) MONTHS FROM JUNE 19, 1996
TO AUGUST 19, 1996. SUBMITTED HEREWITH IS A CHECK FOR \$190.00 (ONE
HUNDRED AND NINETY U.S. DOLLARS) TO COVER THE COST OF
EXTENSION.

FEES APPLIED under 37 CFR 1.136(a)
EXTENSION OF TIME GRANTED
TO 8-19-96

W. Anthony
CLERK, GROUP 310

260-116

3101



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT #6

Ext. 4
Time
(1MO)
9-25-96

In re Application of :
JAMES A. SATCHELL JR. : Patent Art Unit: 3101
Serial No.: 08/429,583 : Examiner: H. Skaggs, Jr.
Filed: August 17, 1995 :
For: LASER-DISC MUSIC VIDEO :
DIGITAL DRINK MACHINE DOOR :

PETITION FOR ADDITIONAL EXTENSION OF TIME

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Applicant hereby petitions under 37 C.F.R. § 1.136 for an additional 1-month extension of time to extend the time for response to the March 19, 1996 Office Action up to September 19, 1996. Applicant previously requested a two-month extension of time to August 19, 1996.

A check in the amount of \$260.00 for the extension fee of an additional one-month under 37 C.F.R. § 1.17(b) is attached.

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. § 1.17 which may become due in connection with this application to Deposit Account No. 18-2220.

Respectfully submitted,

9-19-96
W. Anthony
Director

Garrett V. Davis
Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L.C. 810 CS 09/23/96 08429583
1225 Connecticut Avenue, N.W. 1 116 260.00 CK
Washington, D.C. 20036
(202) 659-9076



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
	12/7/95		

FIM1/1023

JAMES A. SATCHELL JR.
1490 COUNTY ROAD 36
TUCKER, AL 36083

EXAMINER	
SKAGGS, H. G.	
ART UNIT	PAPER NUMBER
3161	7

DATE MAILED:

10/23/96

NOTICE OF ABANDONMENT

This application is abandoned in view of:

- ☒ Applicant's failure to respond to the Office letter, mailed March 17, 1996.
- ☐ Applicant's letter of express abandonment which is in compliance with 37 C.F.R. 1.138.
- ☐ Applicant's failure to timely file the response received _____ within the period set in the Office letter.
- ☐ Applicant's failure to pay the required Issue fee within the statutory period of 3 months from the mailing date of _____ of the Notice of Allowance.
 - ☐ The Issue fee was received on _____.
 - ☐ The Issue fee has not been received in Allowed Files Branch as of _____.

In accordance with 35 U.S.C. 151, and under the provisions of 37 C.F.R. 1.316(b), applicant(s) may petition the Commissioner to accept the delayed payment of the issue fee if the delay in payment was unavoidable. The petition must be accompanied by the issue fee, unless it has been previously submitted, in the amount specified by 37 C.F.R. 1.17(l), and a verified showing as to the causes of the delay.

If applicant(s) never received the Notice of Allowance, a petition for a new Notice of Allowance and withdrawal of the holding of abandonment may be appropriate in view of *Delgar Inc. v. Schuyler*, 172 U.S.P.Q. 513.

- ☐ Applicant's failure to timely correct the drawings and/or submit new or substitute formal drawings by _____ as required in the last Office action.
 - ☐ The corrected and/or substitute drawings were received on _____.
- ☐ The reason(s) below.

H. Grant Skaggs 12/24/96

H. Grant Skaggs
Primary Examiner
Art Unit 311

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14

In re Application

Application Number

Filed

5822216

Gross Art Unit

Examiner

Paper No. 118

Assistant Commissioner for Patents
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

- ☒ (A) referred to in United States Patent Number _____, column _____
- ☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11. Application No. _____, filed _____, on page _____, paper number _____
- ☐ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____
- ☐ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

Richard K. Kram

Signature

Richard K. Kram
Typed or printed name

7-30-1997

Date

FOR PTO USE ONLY

Approved by: *[Signature]*
(initials)

Unit: *PTU*

Time will vary depending upon the need for review of the application. The time will vary depending upon the need for review of the application. The time will vary depending upon the need for review of the application.

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(b)

In re Application of <u>Satchell et al.</u>	
Application Number <u>08/429,583</u>	Filed <u>8-17-95</u>
Group Art Unit	Examiner

Paper No. 9

Assistant Commissioner for Patents
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

- ☒ (A) referred to in United States Patent Number 5822216, column _____
- ☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____
- ☐ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or
- ☐ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

T. Lupo
Signature
T. Lupo
Typed or printed name

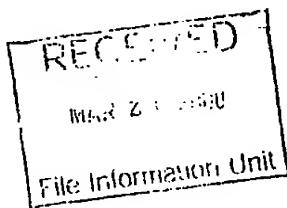
10-15-99

Date

FOR PTO USE ONLY
Approved by: <u>[Signature]</u> (Initials)
Unit: _____

Under the Patent Information Act of 1980, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)



In re Application of

J. A. Satchell, Jr.
as assignee

Application Number

08/429,583

Filed

8/17/78

Class and Unit

Examiner

Paper No. 1410

Assistant Commissioner for Patents
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

- (A) referred to in United States Patent Number 5,822,216, column _____
- (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____
- (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or
- (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

Morton J. Rosenberg
Signature
Morton J. Rosenberg
Typed or printed name

3/20/00
Date

FOR PTO USE ONLY
Approved by: VA
(Initials)
5/11

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

RECEIVED
 JUN 2 9 7 AM
 File Information Unit

In re Application of

Application Number

Filed

08-429583

8-17-95

Group Art Unit

Examiner

Pacer No. 11

Assistant Commissioner for Patents
 Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file records of the above-identified ABANDONED application, which is: (CHECK ONE)

☐ (A) referred to in United States Patent Number 5,822,216 column _____

☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____.

☐ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or

☐ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

AC
 Signature
ADRIAN
 Typed or printed name

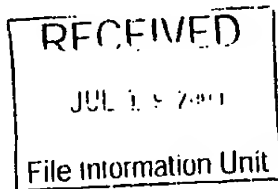
6-28-00

Date

FOR PTO USE ONLY

Received by: _____
 (Initials)

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(b)



In re Application of	
Application Number	File No.
08-429583	8-1795
Group Art Unit	Examiner
3101	

Paper No. 12

Assistant Commissioner for Patents
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

- ___ (A) referred to in United States Patent Number 5822216, column ___
- ___ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____
- ___ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or
- ___ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

Andrea Jones
Signature
Andrea Jones
Type or printed name

Date

FOR PTO USE ONLY

Approved by: _____
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Unit: _____

VER

(2-92)

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR

US

Docket Number (Optional)

Applicant or Patentee: JAMES A. SATCHELL JR.

Serial or Patent No.: _____

Filed or Issued: _____

Title: LASER-DISC MUSIC VIDEO (DRINK MACHINE DOOR)

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☐ the specification filed herewith with title as listed above.
☐ the application identified above.
☐ the patent identified above.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.
☐ Each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

JAMES A. SATCHELL JR.
NAME OF INVENTOR

NAME OF INVENTOR

NAME OF INVENTOR

Signature of inventor

Signature of inventor

Signature of inventor

Date

Date

Date

4/23/95

REQUEST FOR ACCESS TO AN APPLICATION UNDER 37 CFR 1.14(e)

Received

AUG 21 2002

Patent Center 2100

In re Application of

J A Satchell

Application Number

08/429 583

Filed

8/17/05

Art Unit

Examiner

Paper No. *13*

Assistant Commissioner for Patents
Washington, DC 20231

1. ☐ I hereby request access under 37 CFR 1.14(e)(2) to the application file record of the above-identified ABANDONED Application, which is not within the file jacket of a pending Continued Prosecution Application (CPA) (37 CFR 1.53(d)) and is: (CHECK ONE)

☒ (A) referred to in:

United States Patent Application Publication No. _____, page _____, line _____

United States Patent Number *582224*, column _____, line _____, or

an International Application which was filed on or after November 29, 2000 and which

designates the United States, WIPO Pub. No. _____, page _____, line _____

☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11(b) or

1.14(e)(2)(i), i.e., Application No. _____, paper No. _____, page _____, line _____

2. ☐ I hereby request access under 37 CFR 1.14(e)(1) to an application in which the applicant has filed an authorization to lay open the complete application to the public.

David Brown
Signature

8-21-02
Date

DAVID BROWN
Typed or printed name

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